

Quality Management Office (QMO) Job Risk Assessment

Name(s) of Team Members: T. Baker, C. Condemi, B. Evely, E. Sierra, S. Stein	Point Value → Parameter ↓	1	2	3	4	5
Job Title: Bicycle Riding	Frequency (B)	≤once/year	≤once/month	≤once/week	≤once/shift	>once/shift
Job Number or Job Identifier: JRA-QMO-03						
Job Description: Riding a bicycle on paved roads for business purposes	Severity (C)	First Aid Only	Medical Treatment	Lost Time	Partial Disability	Death or Permanent Disability
Training Procedures List (Optional): Applicable Standard Operating Procedures: SBMS Traffic Safety Subject Area	Likelihood (D)	Very Unlikely	Unlikely	Possible	Probable	Multiple
Approved by: R. Lebel Date: 04/05/06 Rev. #: 0						
Stressors (if applicable, please list all): heat stress, adverse road conditions such as sand and wildlife, wind		Reason for Revision (if applicable):				Comments:

			Before Additional Controls						After Additional Controls							
Activity	Hazard	Control(s)	Stressor	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	Control(s) Added to Reduce Risk	Stressors	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	% Risk Reduction
Entering and riding in streets with vehicle traffic	Struck by vehicle traffic	Helmet, traffic rules, snow and ice removal, no riding under adverse weather/road conditions, e.g. under 30°F, ice or snow, lighting; awareness Bulletins, bicycle safety equipment such as reflectors & lights, maintenance of BNL owned bicycles, road signage	Y	1	5	5	2	50								
Riding/Pedaling a bicycle	Injury from excessive physical exertion from pedaling bicycle	Gears to assist in torque on pedals, relatively flat terrain at BNL, maintenance of bicycles, Natural Hazard subject area warnings of heat stress; optional annual Lab physical	Y	1	5	2	2	20								
	Injury from fall caused by road hazards	Road maintenance and repair, street sweeping, bicycle lights and street lights, clips/ ties or tucked in pants; chain guards	Y	1	5	3	3	45								

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			Stressor	# of People A	Frequency B	Severity C	Likelihood D		Stressors	# of People A	Frequency B	Severity C	Likelihood D	
Carrying packages while riding the bicycle	Falling, riding into objects, or being struck by traffic due to loss of control from shifting weight or arms not on handle bars	Carrier racks, baskets, saddle bags, bunge cords	Y	1	5	3	3	45						
Bringing bicycle in and out of building	Slips, trips, and falls	Handrails on steps, snow and ice removal on steps	Y	1	5	2	2	20						

Further Description of Controls Added to Reduce Risk:

*Risk:	0 to 20	21 to 40	41-60	61 to 80	81 or greater
	Negligible	Acceptable	Moderate	Substantial	Intolerable